

REMARKS

Claims 1-12 are pending in the application. Claims 1-7, 9 and 10 have been allowed. Claims 8, 11 and 12 stand rejected in the referenced office action. Claims 1 and 8 are independent claims.

Independent claim 1 has been amended to correct a typographic error.

Independent claim 8 has been amended to correct a typographic error. The claim has been further amended to specify recording measurements made with the sensor.

New apparatus claim 13 has been added with the substantive elements of method claim 1. Dependent apparatus claims 14-16 have also been added with elements corresponding to those of the existing method claims dependent on claim 1.

New apparatus claim 17 has been added with the substantive elements of method claim 8. Dependent method claims 18 and 19 have been added with elements corresponding to those of the existing method claims dependent on claim 8.

No new matter has been added by the amendments. The Examiner's rejections are addressed in substantially the same order as in the referenced office action.

Reconsideration of the application is respectfully requested in view of the remarks below.

CLAIM OBJECTIONS

Claim 8 is objected to because of an informality in line 8 with misspelling of a word. Applicant found no misspelling of the word "analysis" in the claim. Clarification is sought.

REJECTION UNDER 35 USC § 101

Claims 8, 11 and 12 stand rejected under 35 USC § 101 as being directed to nonstatutory subject matter and for failing to produce a tangible result. Independent claim 8 has been amended in a manner that is believed to address this objection.

Reconsideration of the application is respectfully requested in view of the remarks above. The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. **02-0429 (414-35883-US)**.

Respectfully submitted,

Dated 27 February 2007

/K. P. Sriram/
Kaushik P. Sriram
Registration No. 43,150
Madan, Mossman & Sriram, P.C.
2603 Augusta, Suite 700
Houston, Texas 77057
Telephone: (713) 266-1130